

Figure 1

003070-268450
Mab HUI77 Reactivity (O.D 490nm)

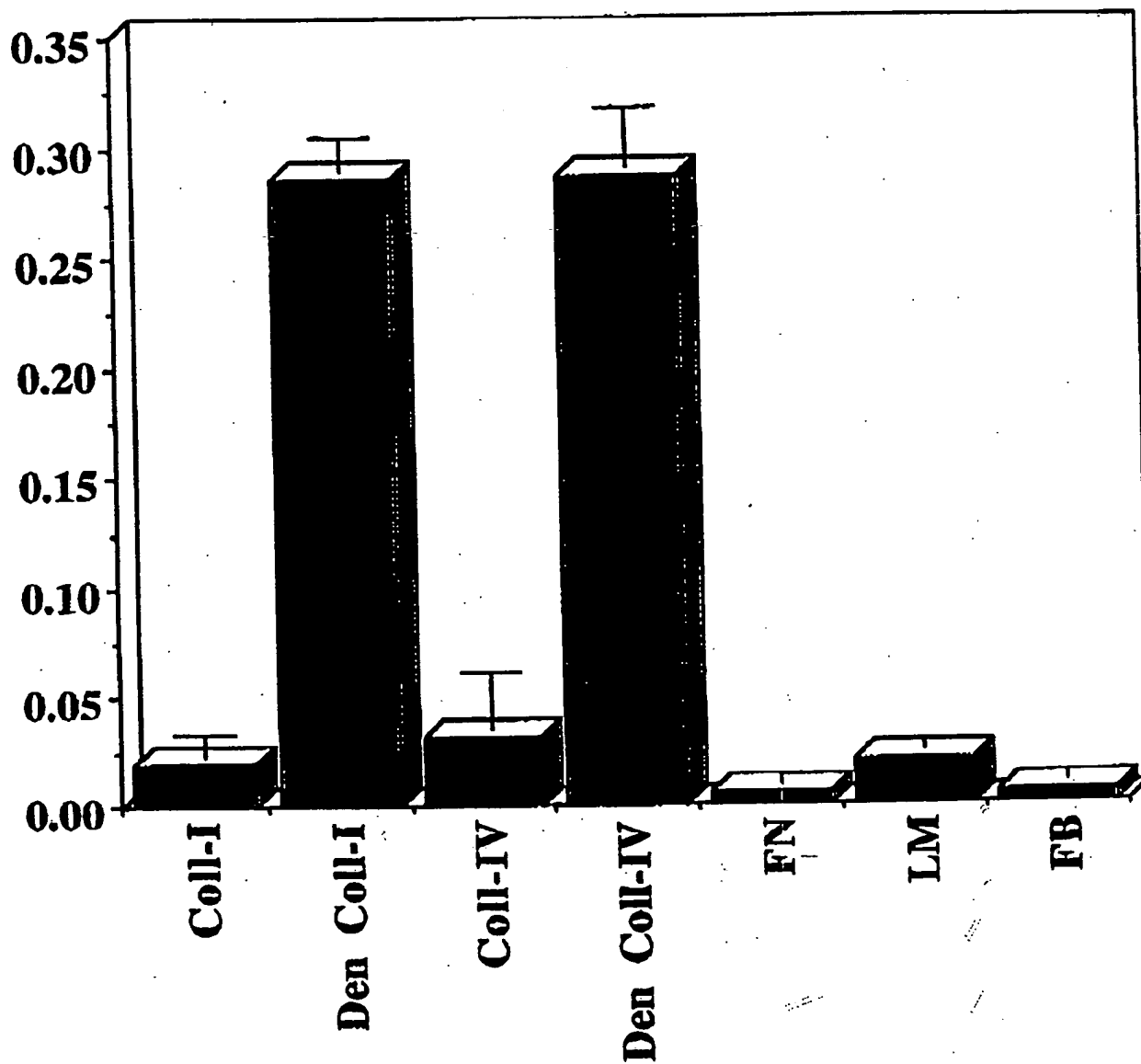


Figure 2

009070 2458469
Mab HUI77 Reactivity (O.D 490nm)

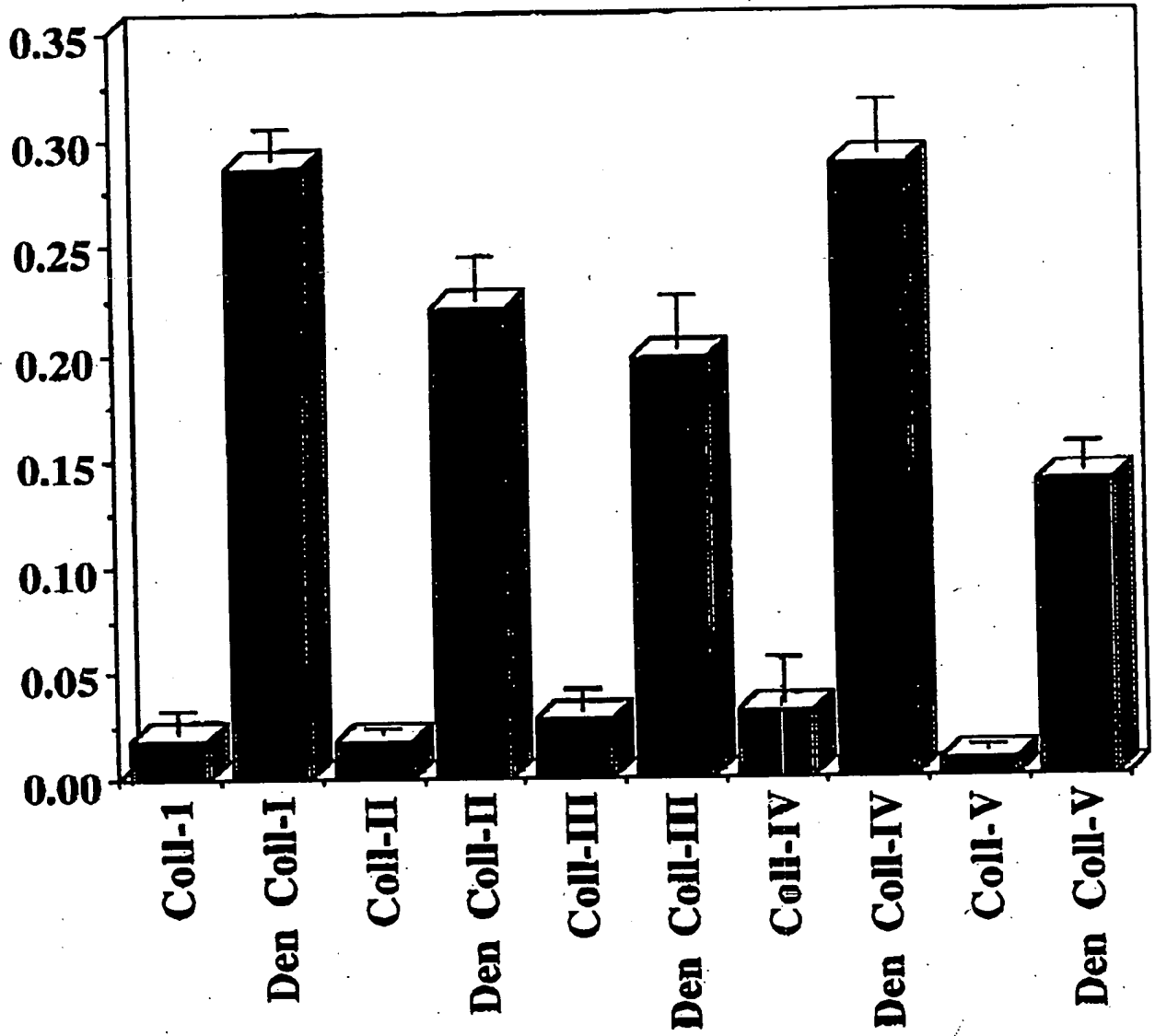
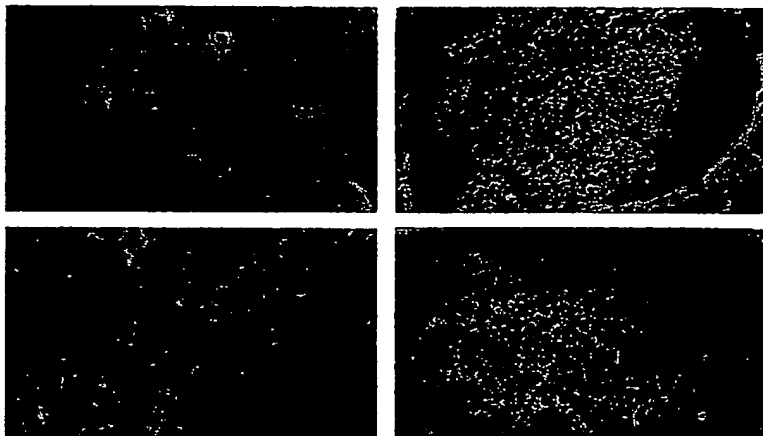


Figure 3

Human Melanoma
(Biopsy)

Human Melanoma
(Human / SCID Mouse Chimera)



0947397 040500

Figure 4

Human Melanoma Biopsy

**Anti-Factor VIII
(Polyclonal Ab)**



**Anti-Denatured Collagen
(Monoclonal Ab HUI77)**



0547397.030500

Figure 5

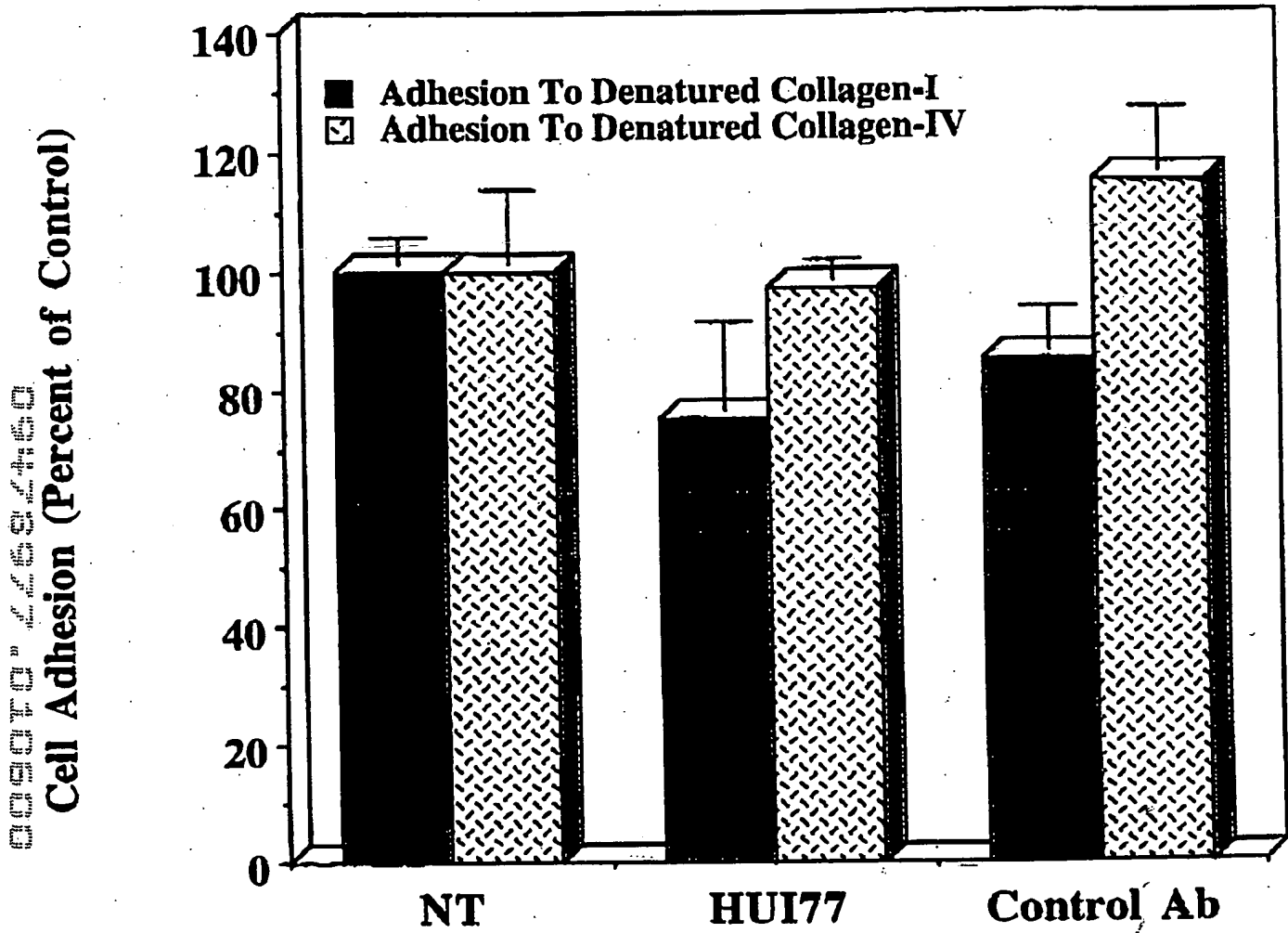


Figure 6

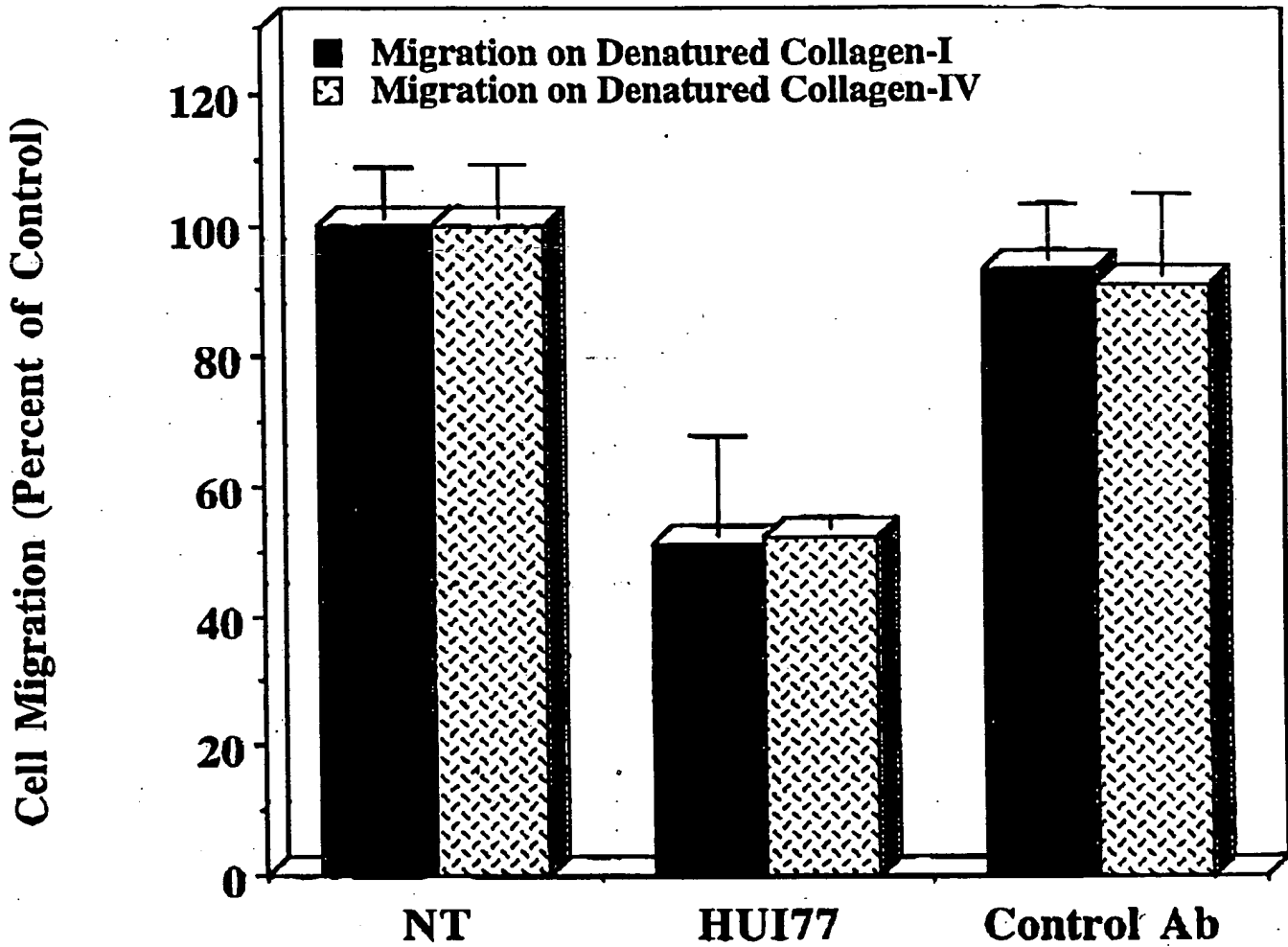


Figure 7

Chick CAM Angiogenesis Assay

No Treatment



bFGF

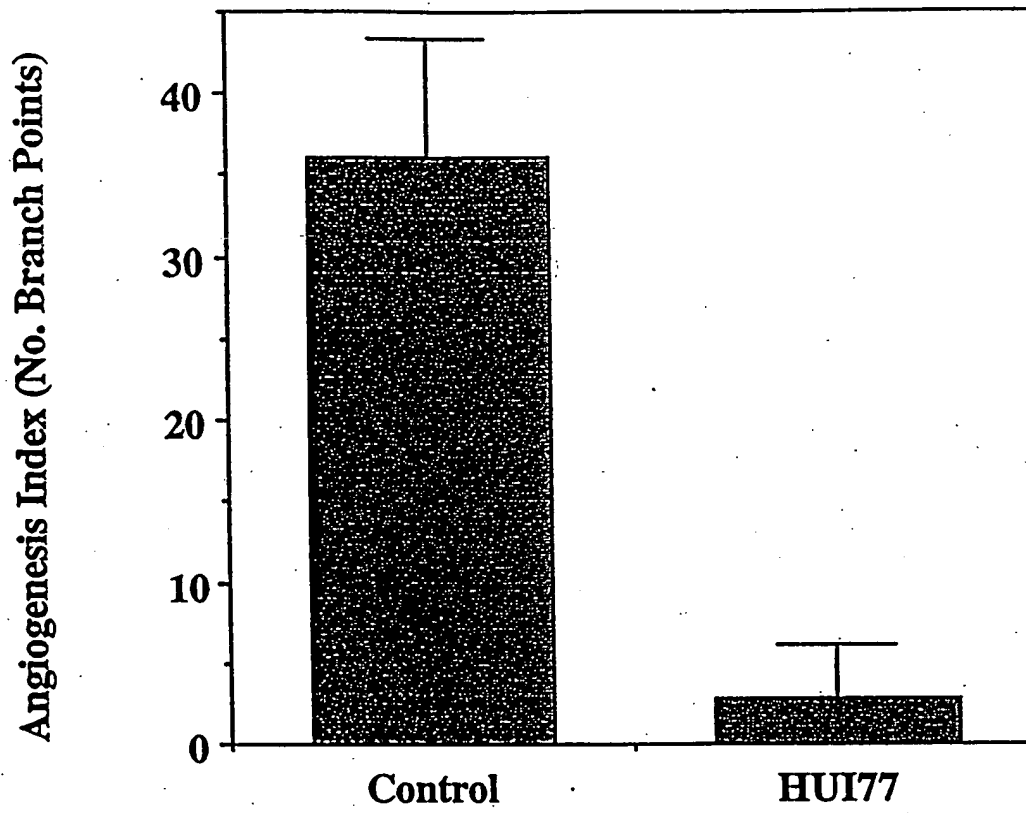


bFGF + Mab HUI77



0047897 010600

Figure 8



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Figure 9

CS-1 Melanoma Tumor Assay

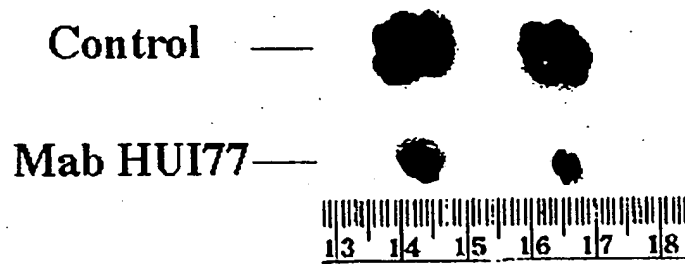


Figure 10

CS-1 Melanoma Tumor Growth

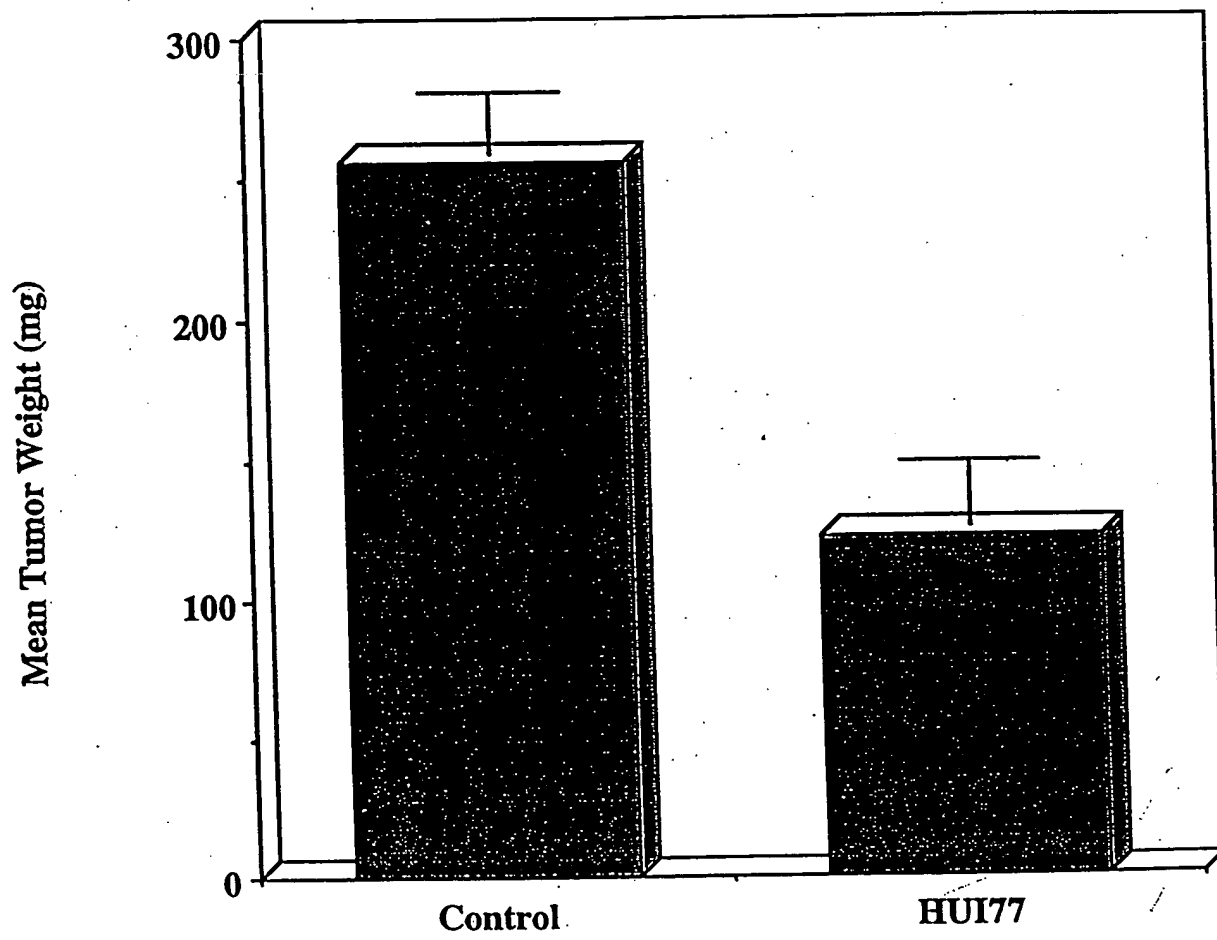
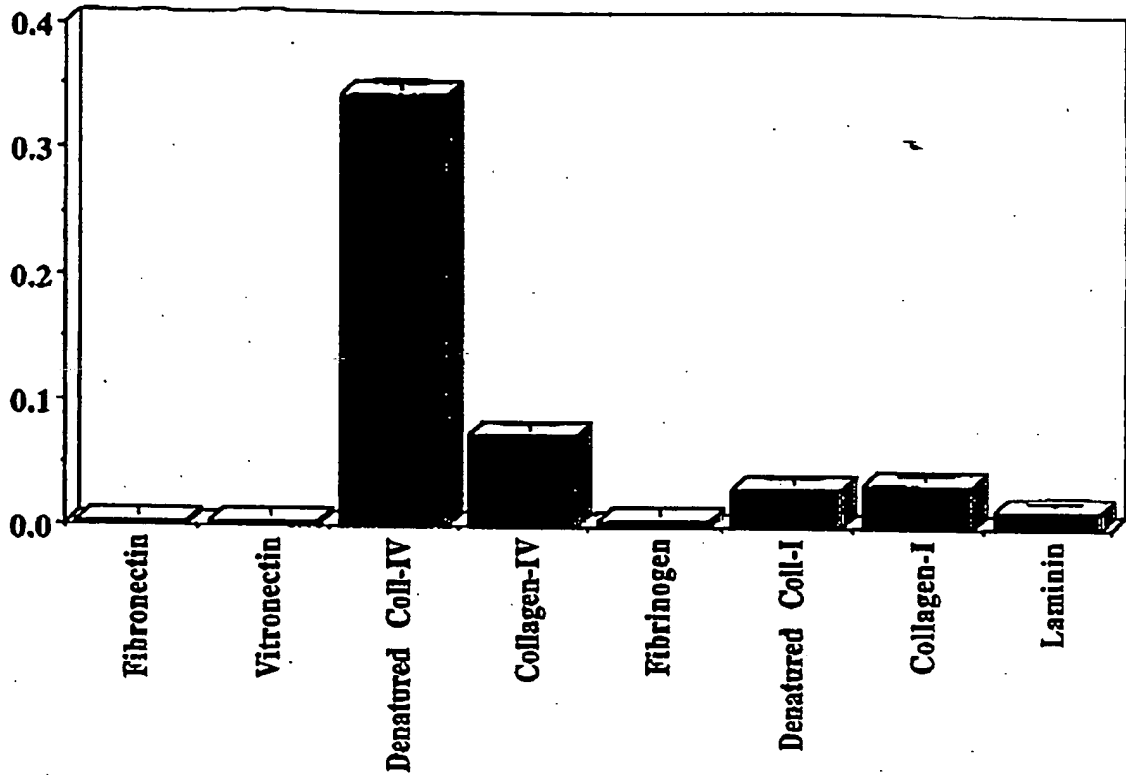


Figure 11

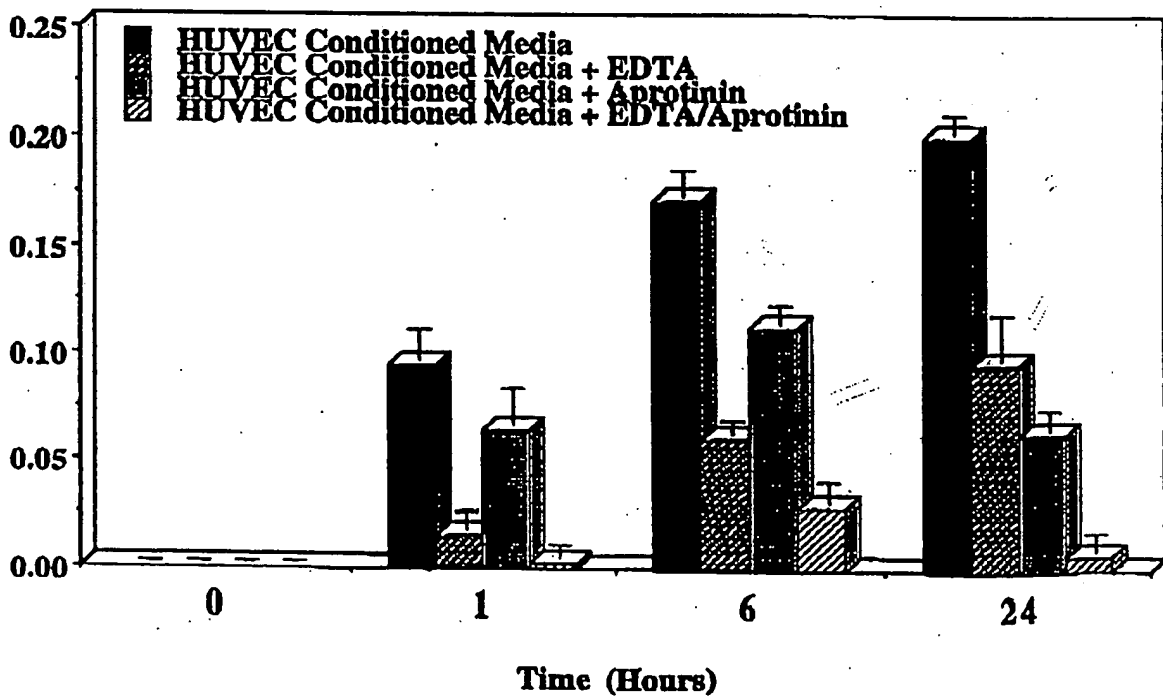
A.

Mab HUIV26 Reactivity (O.D 490nm)



B.

Mab HUIV26 Binding to Collagen-IV (O.D 490nm)



CS1 Melanoma CAMs

**Anti-Proteolyzed Collagen-IV
+
Anti-Factor VIII
(Merge)**



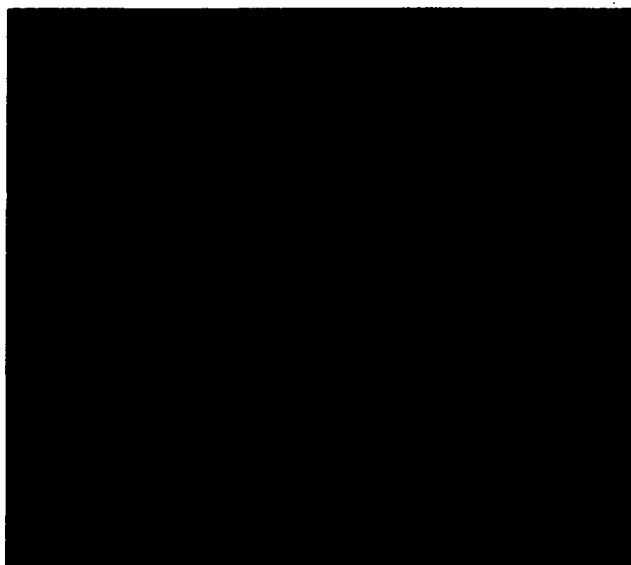
1250g 500g 50g 100g 200g 300g 400g 500g 600g 700g 800g 900g 1000g
 1100g 1200g 1300g 1400g 1500g 1600g 1700g 1800g 1900g 2000g 2100g 2200g 2300g
 2400g 2500g 2600g 2700g 2800g 2900g 3000g 3100g 3200g 3300g 3400g 3500g 3600g
 3700g 3800g 3900g 4000g 4100g 4200g 4300g 4400g 4500g 4600g 4700g 4800g 4900g
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 6300g 6400g 6500g 6600g 6700g 6800g 6900g 7000g 7100g 7200g 7300g 7400g 7500g
 7600g 7700g 7800g 7900g 8000g 8100g 8200g 8300g 8400g 8500g 8600g 8700g 8800g
 8900g 9000g 9100g 9200g 9300g 9400g 9500g 9600g 9700g 9800g 9900g 10000g

Human Melanoma Tumor Biopsy

Anti-Denatured Coll-IV (Mab HUIV26)



Co-Staining of Human Melanoma Biopsy (Anti-Factor VIII / Anti-Denatured Coll-IV)



1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100

Figure 14

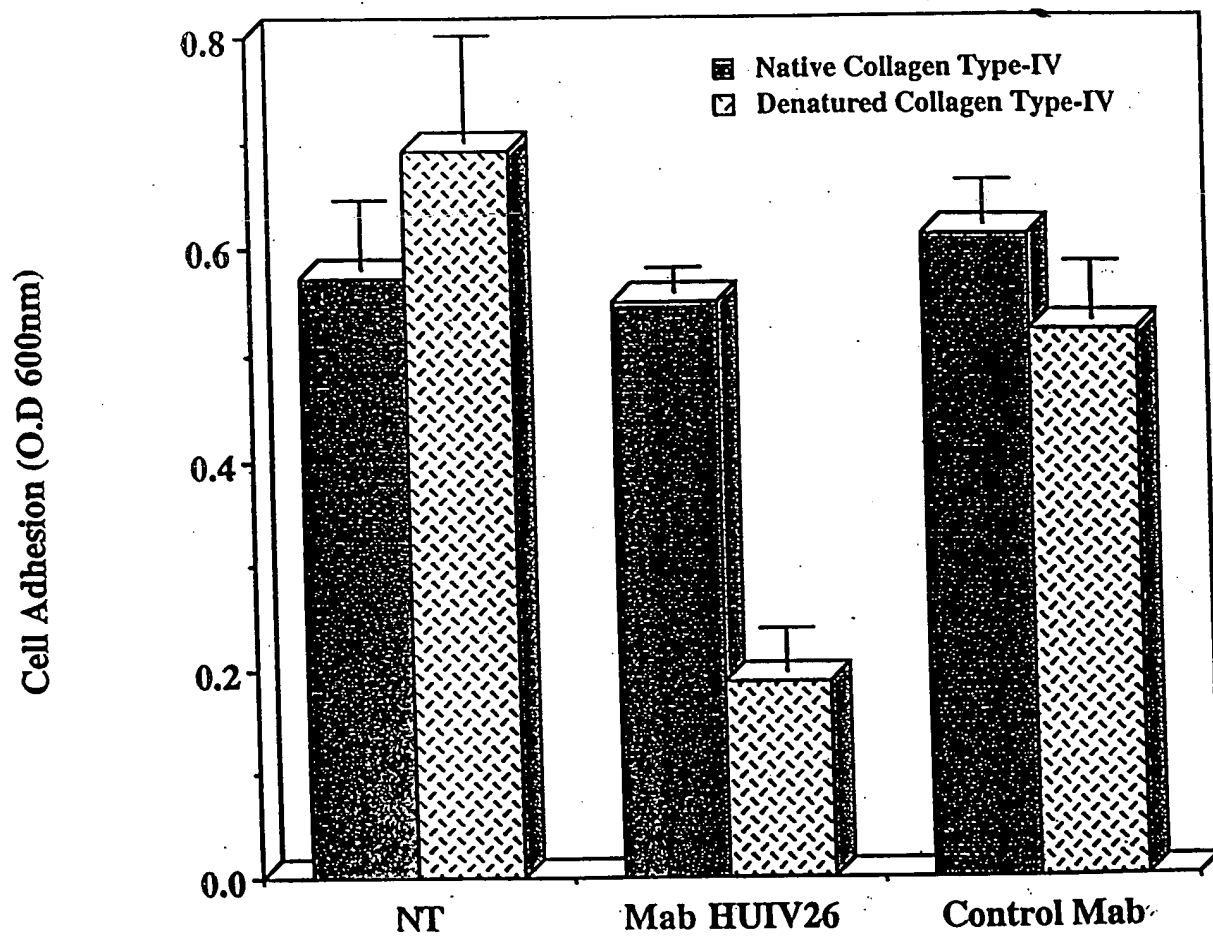


Figure 15

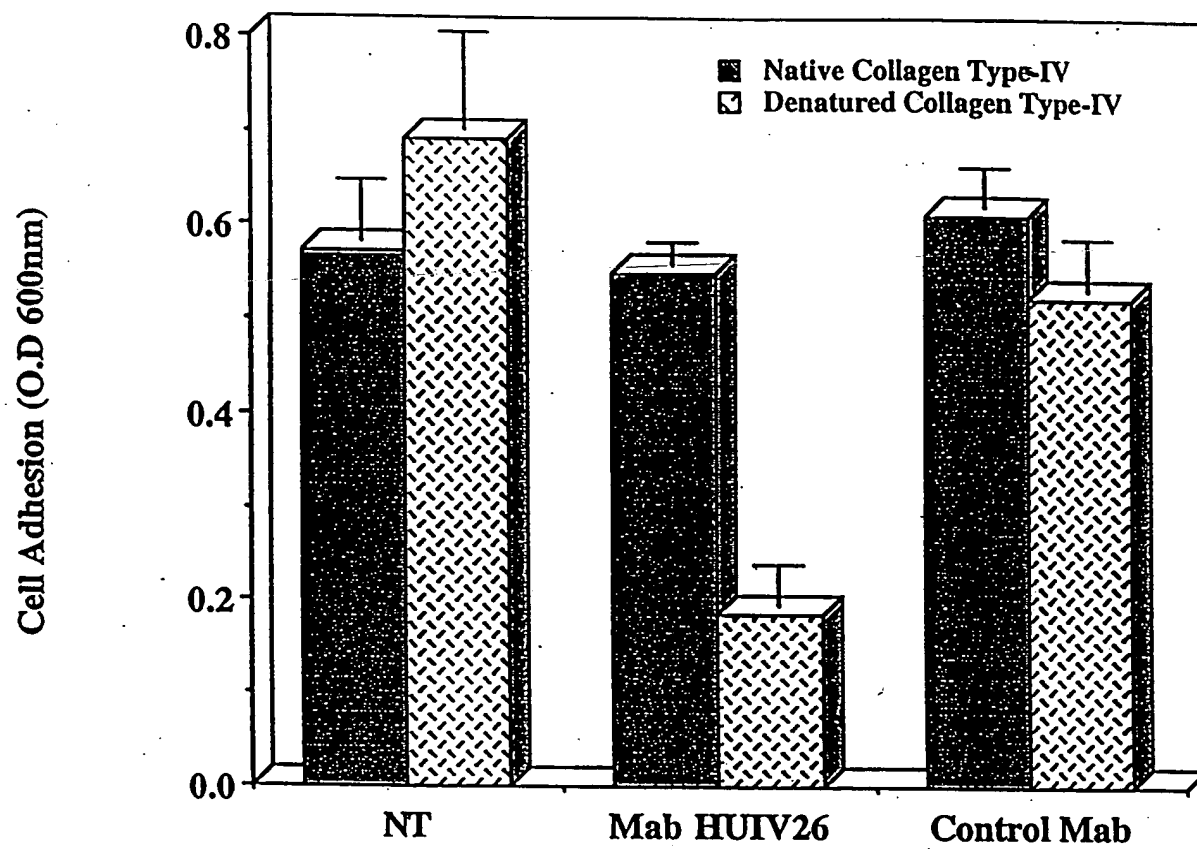


Figure 16

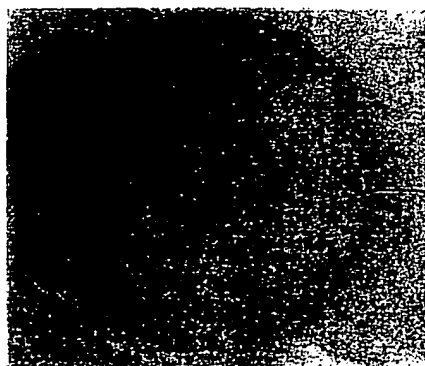
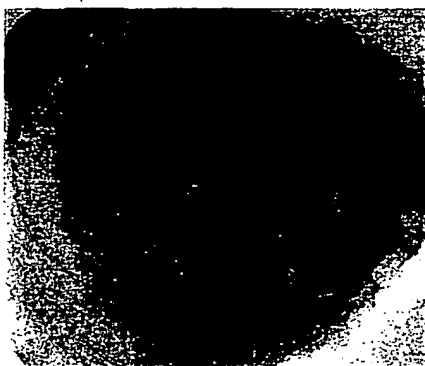
NO bFGF



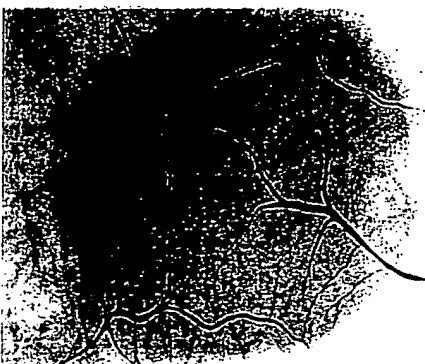
bFGF



bFGF
+
HUIV26



bFGF
+
Control



09473977 1010000

Figure 17

Angiogenesis Assay

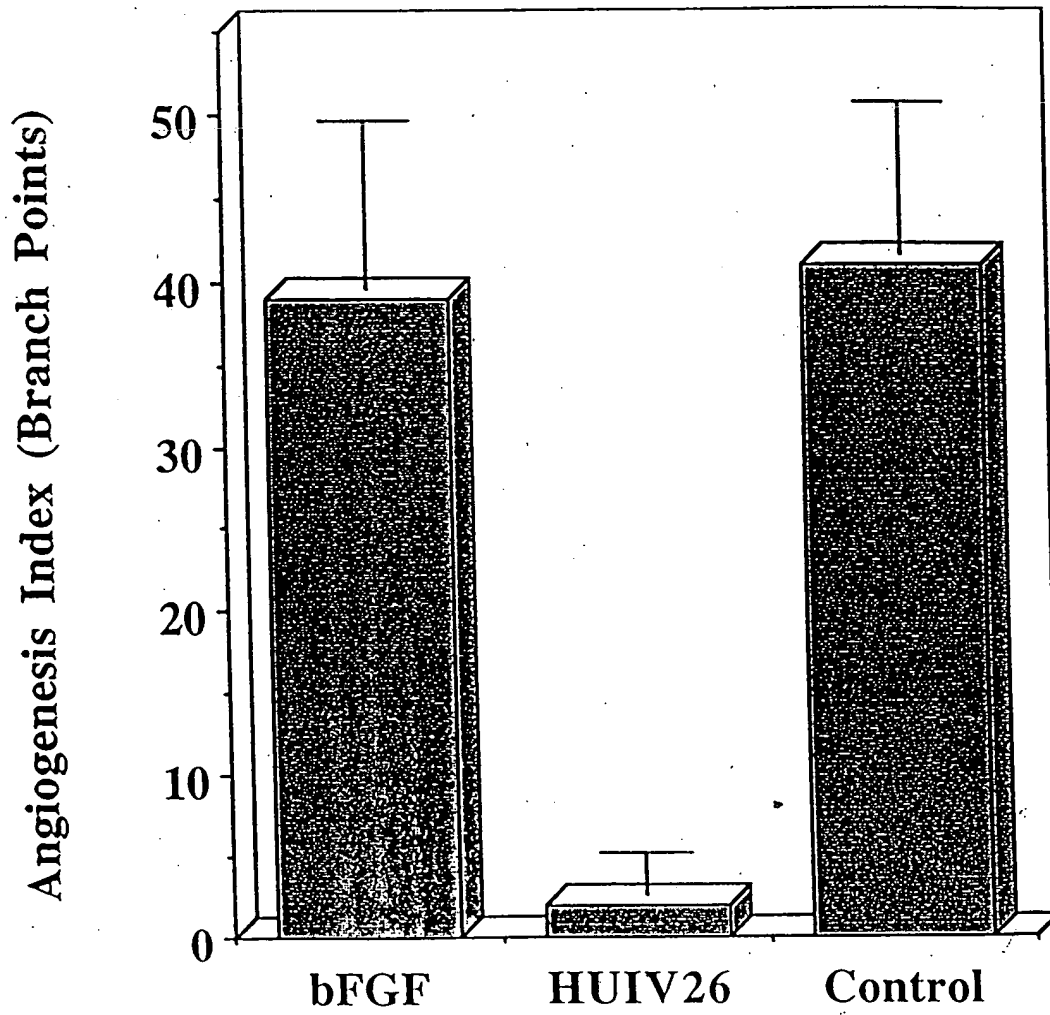
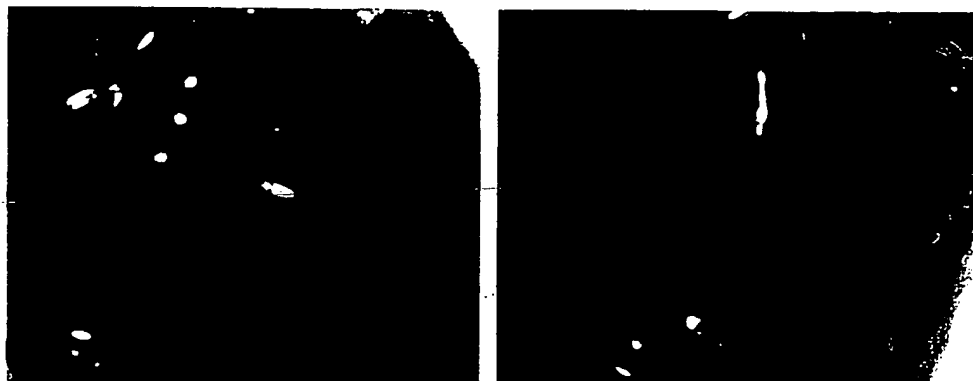


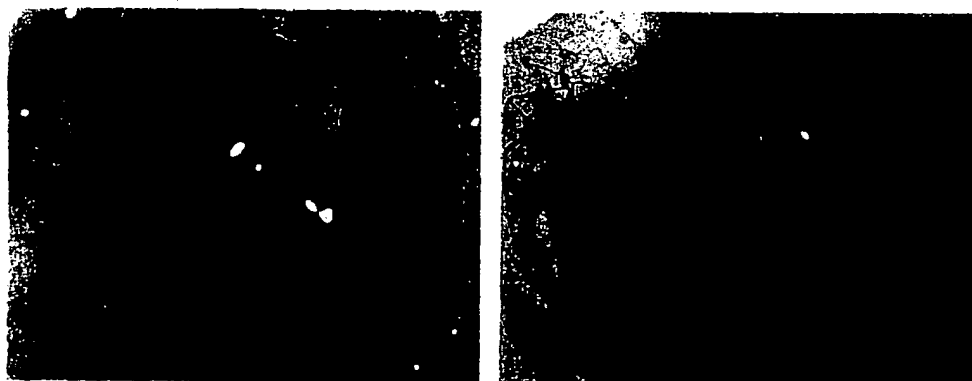
Figure 18

CS-1 Melanoma Tumor Growth In The Chick CAM

Control Mab

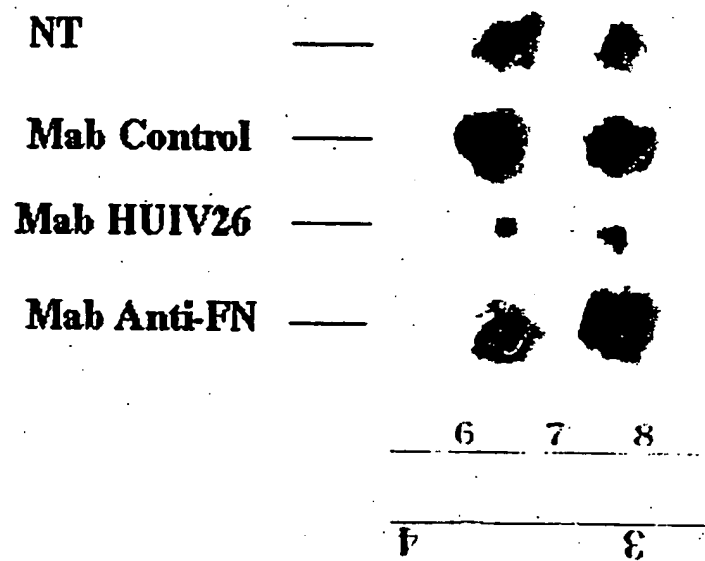


HUIV26 Mab



0947397.040600

CS1 Melanoma Tumor Growth



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Figure 20

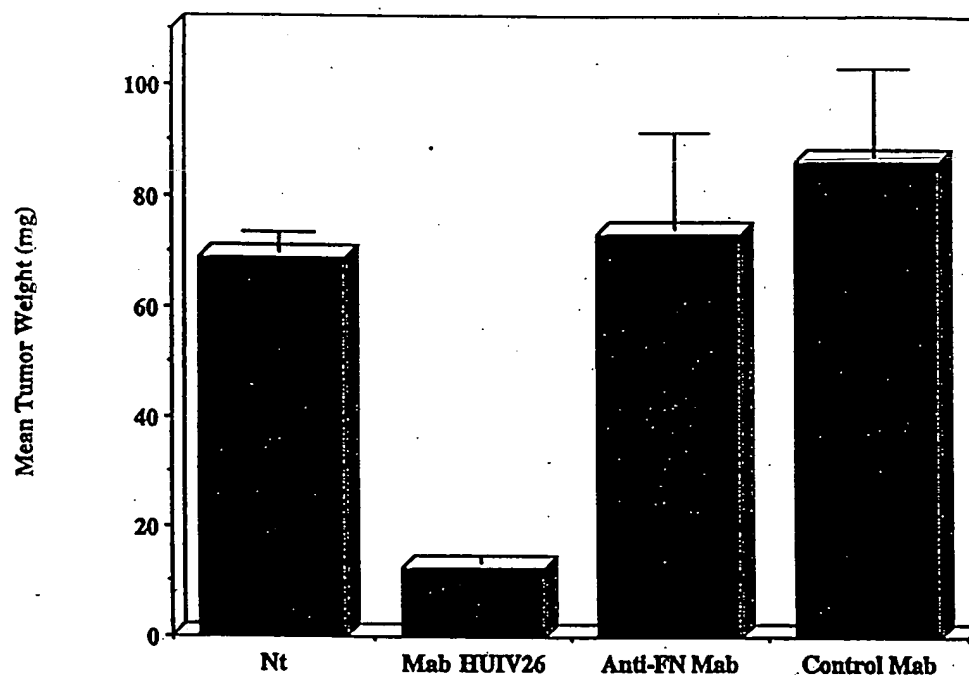


Figure 21

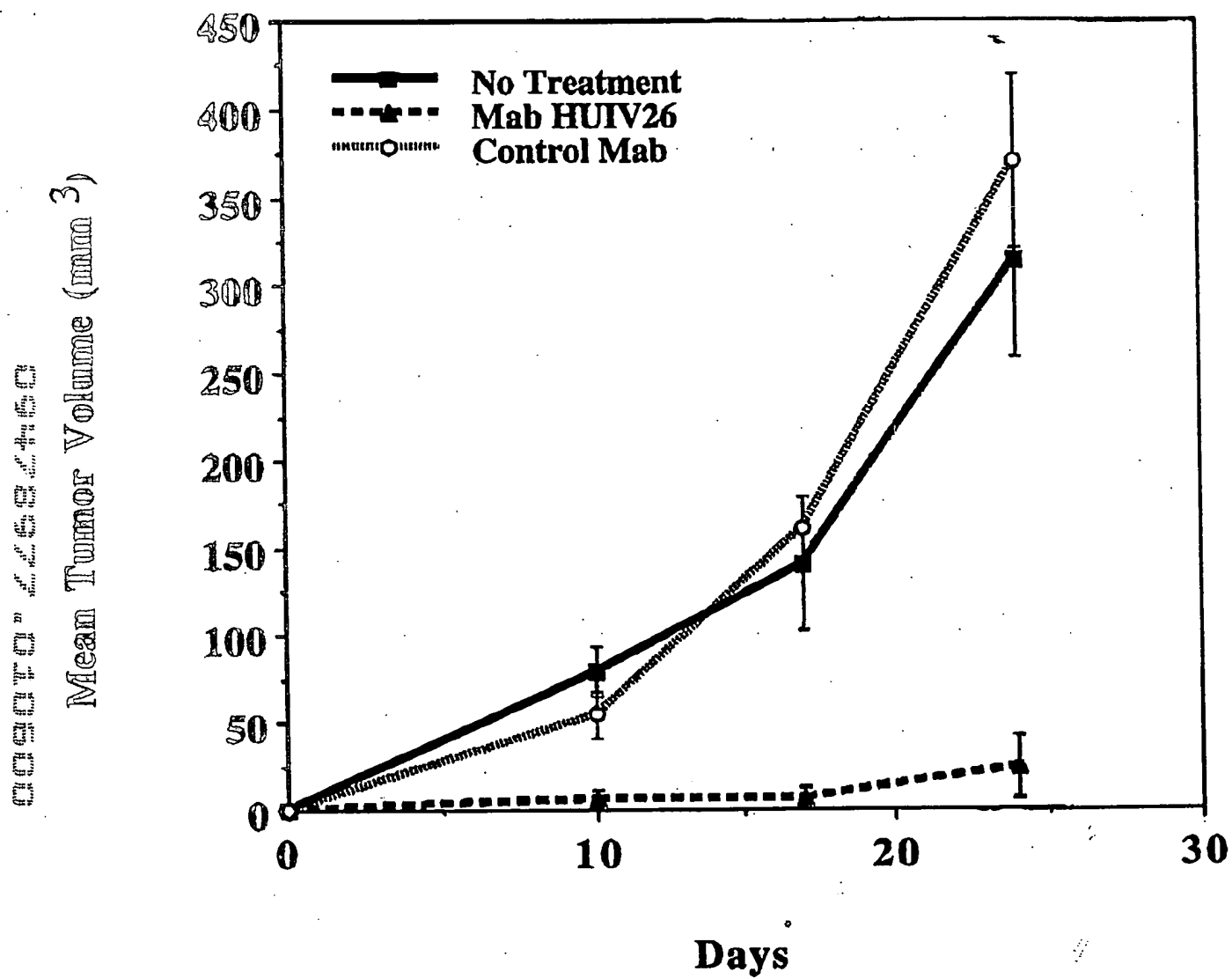
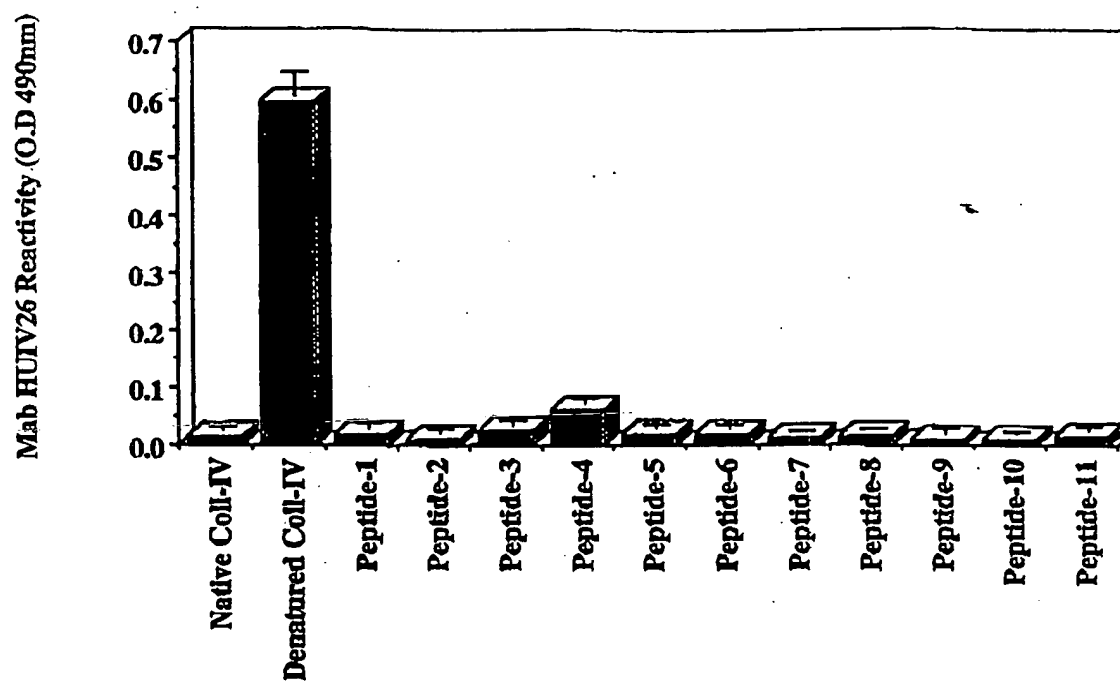


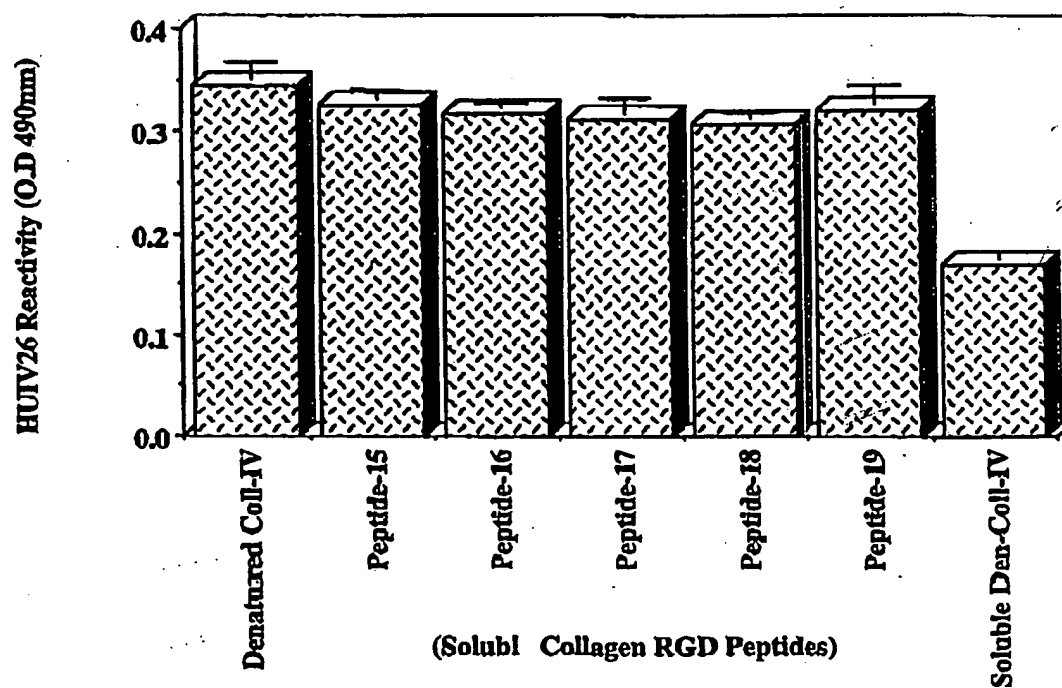
Figure 22

A.



(Immobilized Collagen RGD Peptides)

B.



(Soluble Collagen RGD Peptides)

HUVEC Cord Formation

Native Collagen

Heat Denatured Collagen

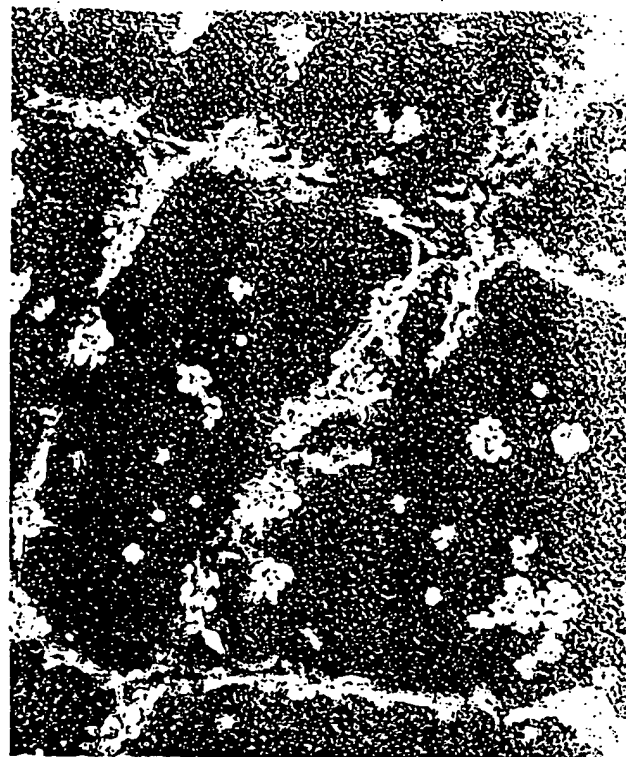
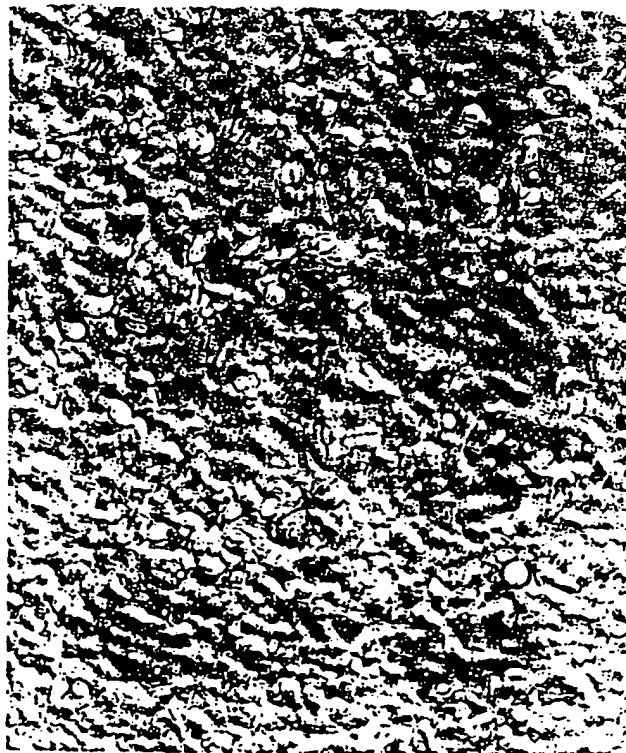


Figure 23

Figure 24

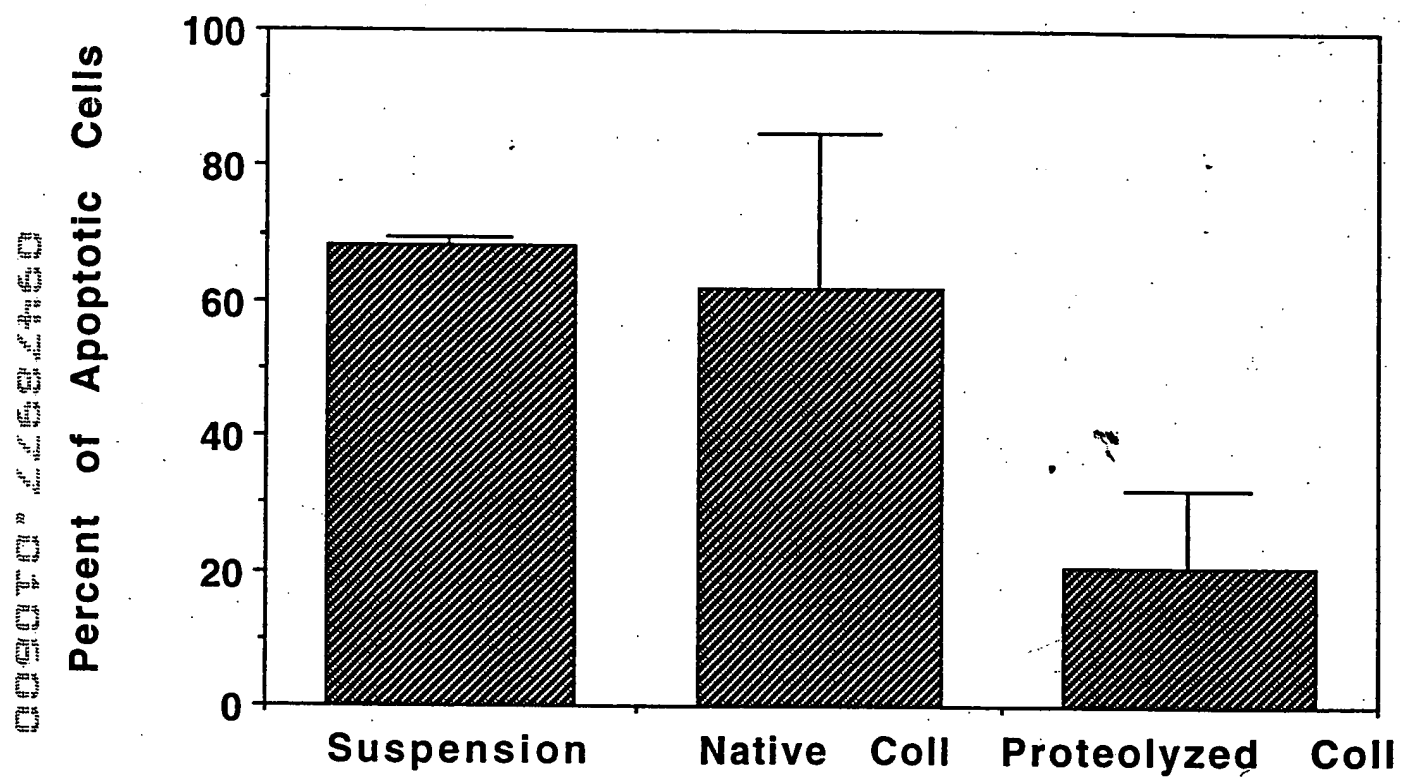
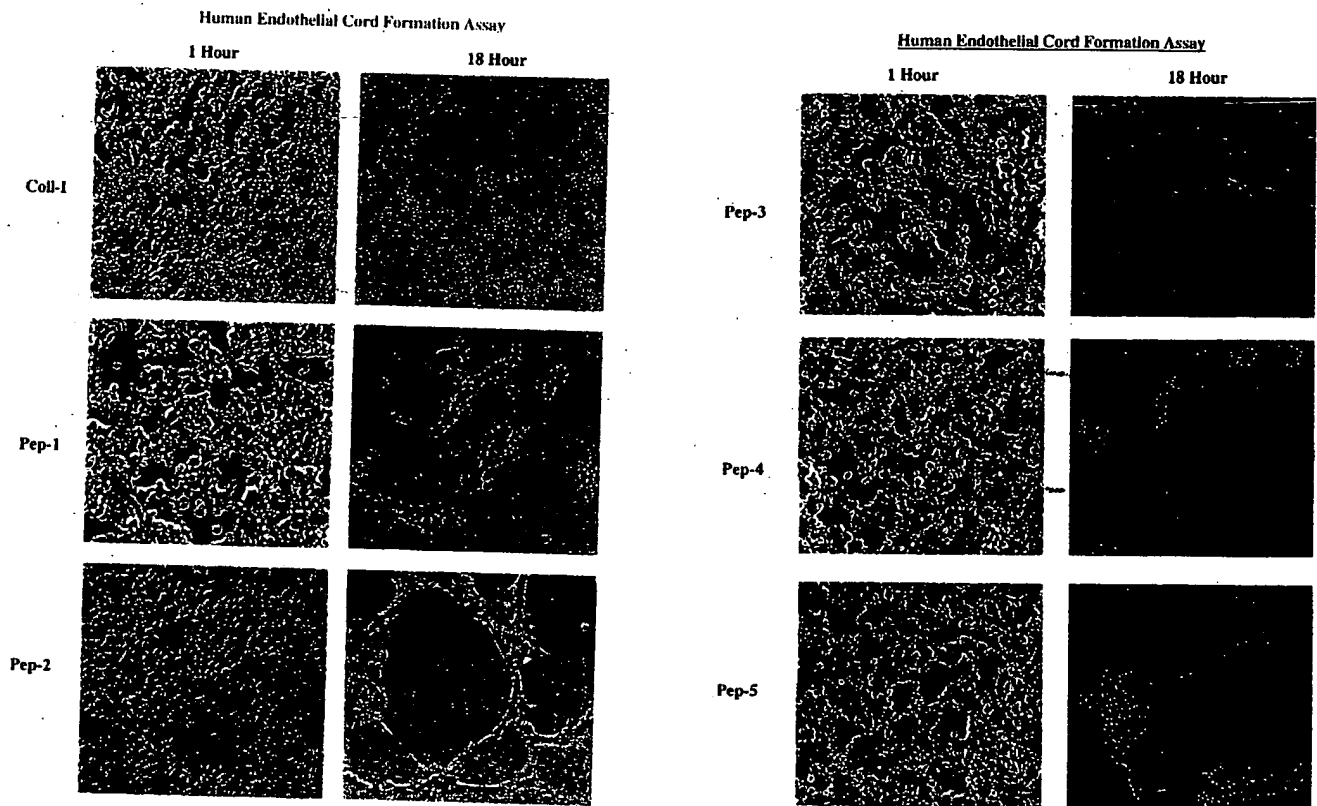


Figure 25

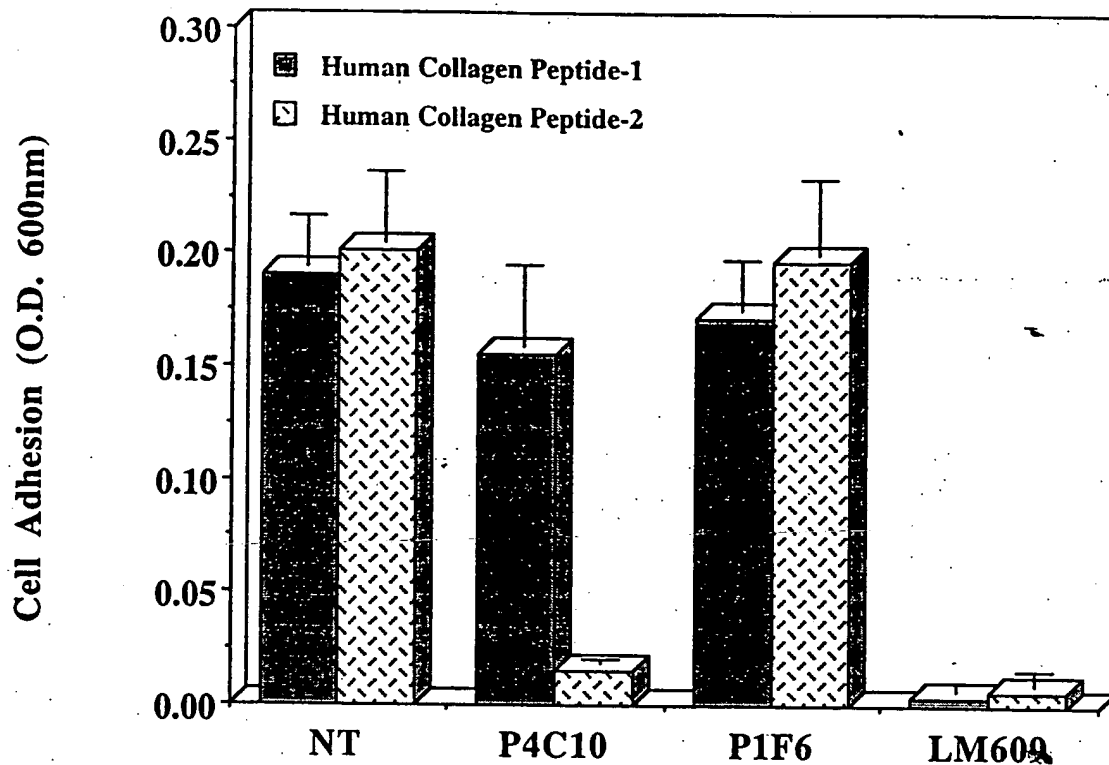


Effects of Cryptic Collagen Domains on Endothelial Cord Formation

Flexible millipore membranes were coated with either native collagen-I (Coll-I) or collagen Peptides 1 through 5. Human endothelial cells were allowed to attach to the coated membranes for either 1 or 18 hours. Representative photographs of cord formation.

A.

Figure 26



B.

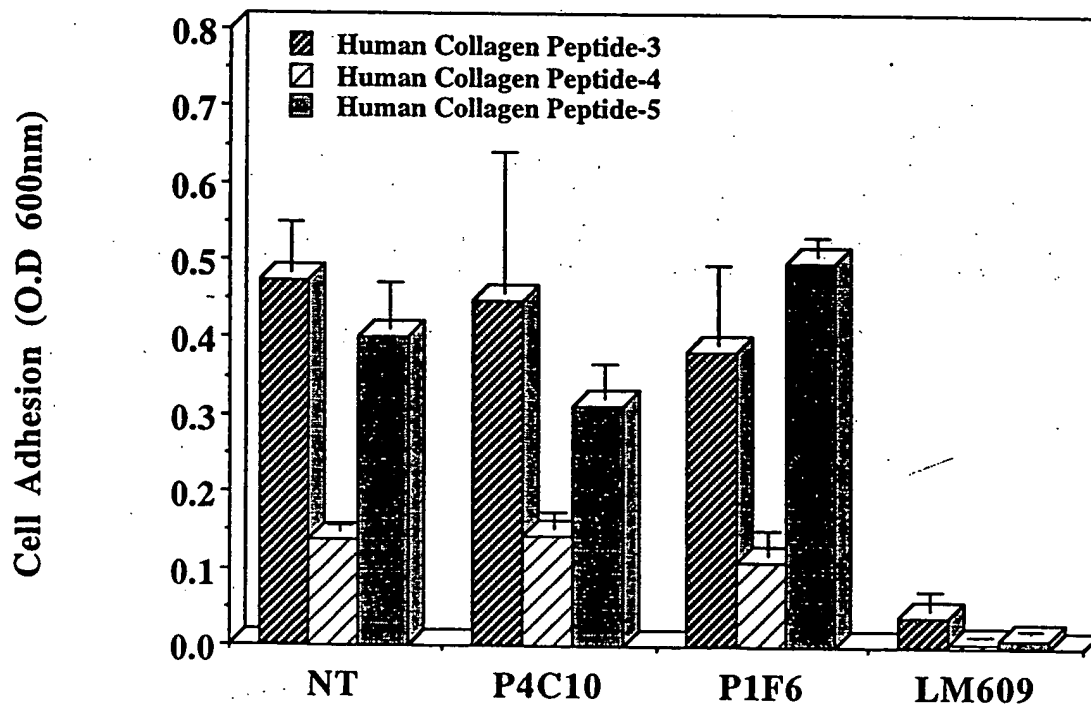
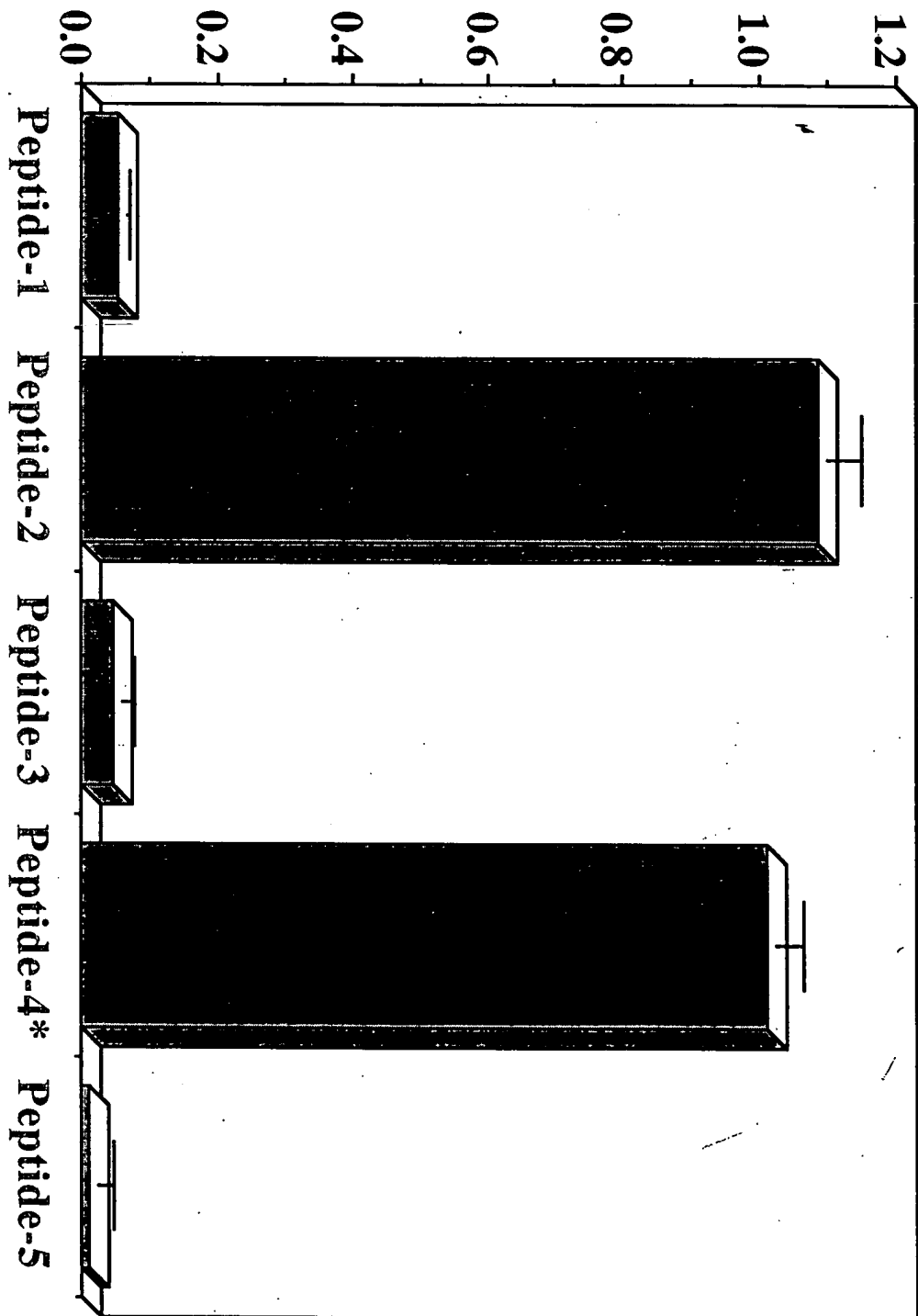


Figure 27

Mab XL313 Reactivity (O.D 490nm)

Mab XL313 Reactivity to Human Collagen-I Peptides

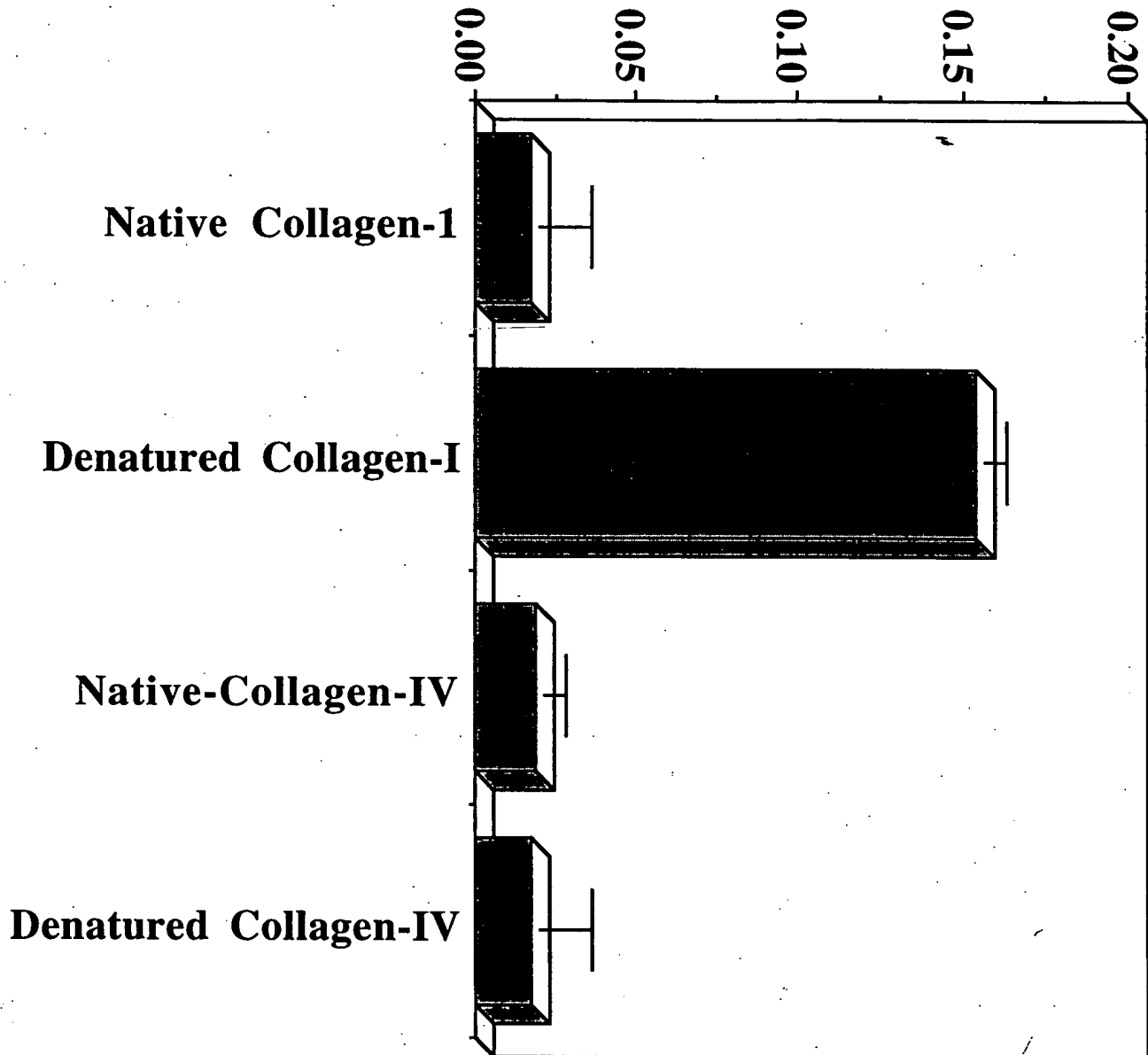


* Peptide-4 not present in mature collagen-I

094333 at 040000

Figure 28

Mab XL313 Reactivity (O.D 490nm)

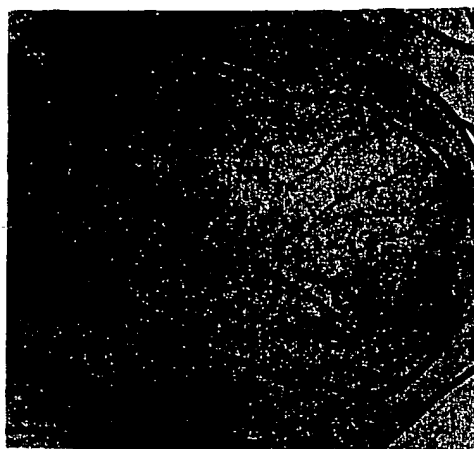


69473977.010500

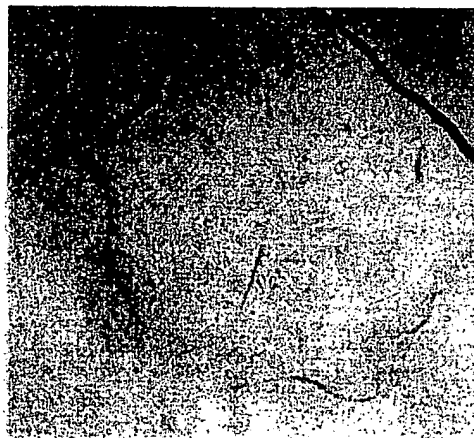
Figure 29

bFGF Induced Angiogenesis in the Chick CAM.

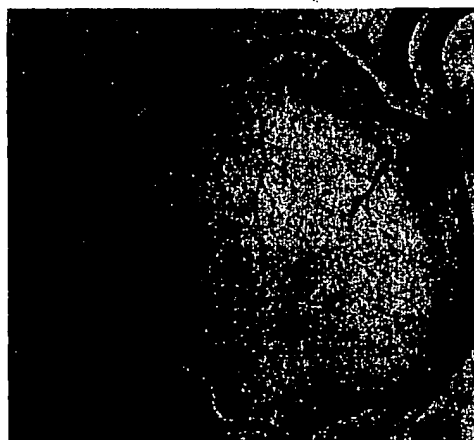
bFGF



bFGF + Mab XL313



bFGF + Mab Control



094738977 010600

Figure 30

Chick CAM Angiogenesis Assay

Angiogenesis Index (No. Branch Points)

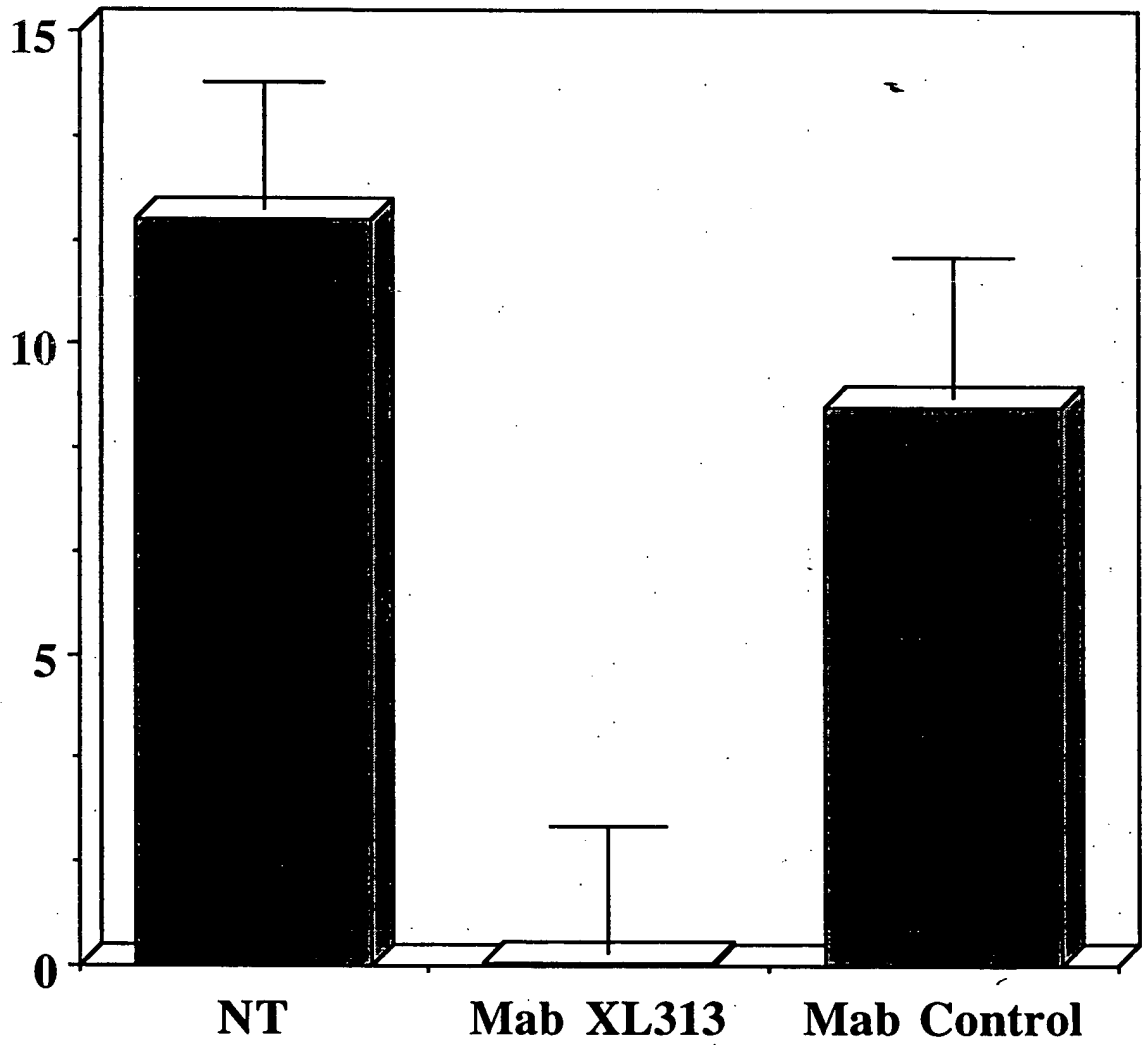


Figure 31

HT1080 Human Fibrosarcoma Tumor Growth

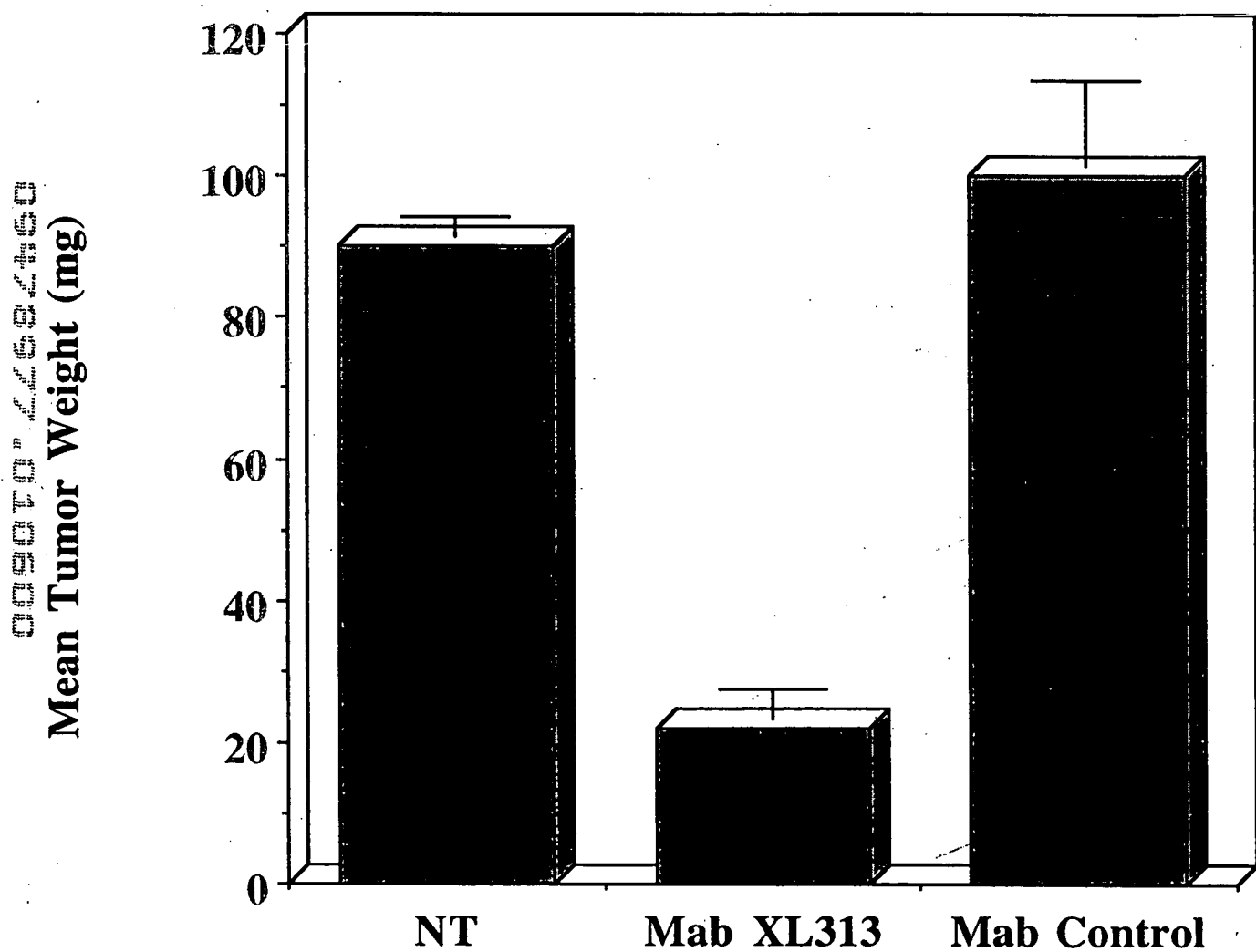
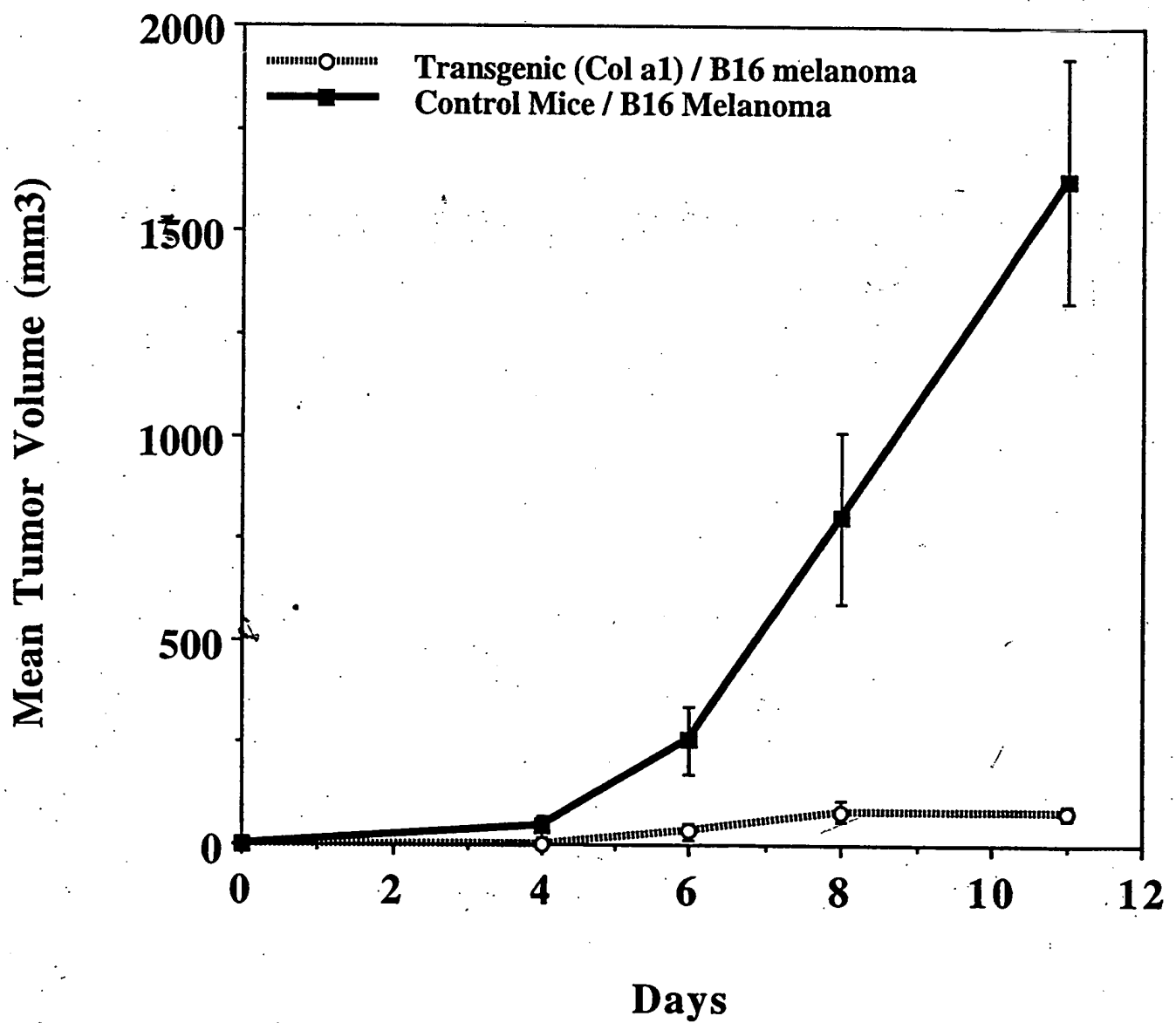


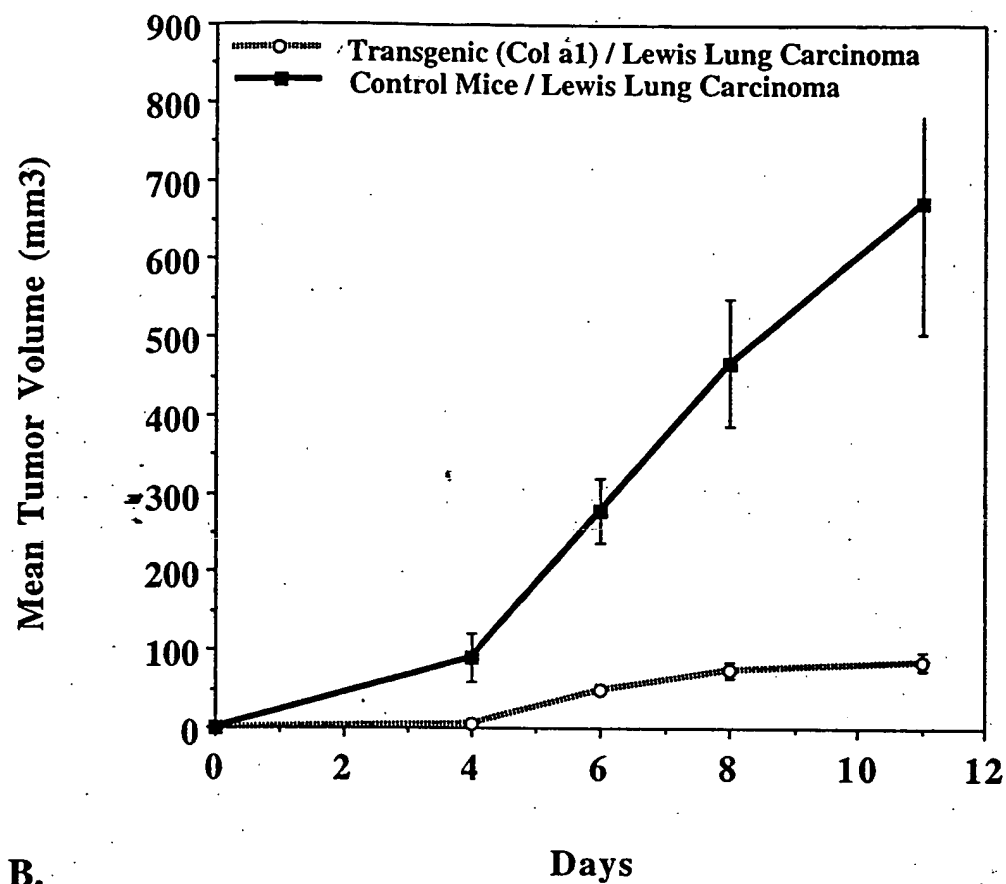
Figure 32

B.



A.

FIGURE 33



B.

